

Project Design Phase-II
Data Flow Diagram & User Stories

Date	18 oct 2023
Team ID	B59ACB2EE24AC56B74C4C89695327FAA
Project Name	Unleashing the potential of the youth: student performance analysis
Maximum Marks	4 Marks

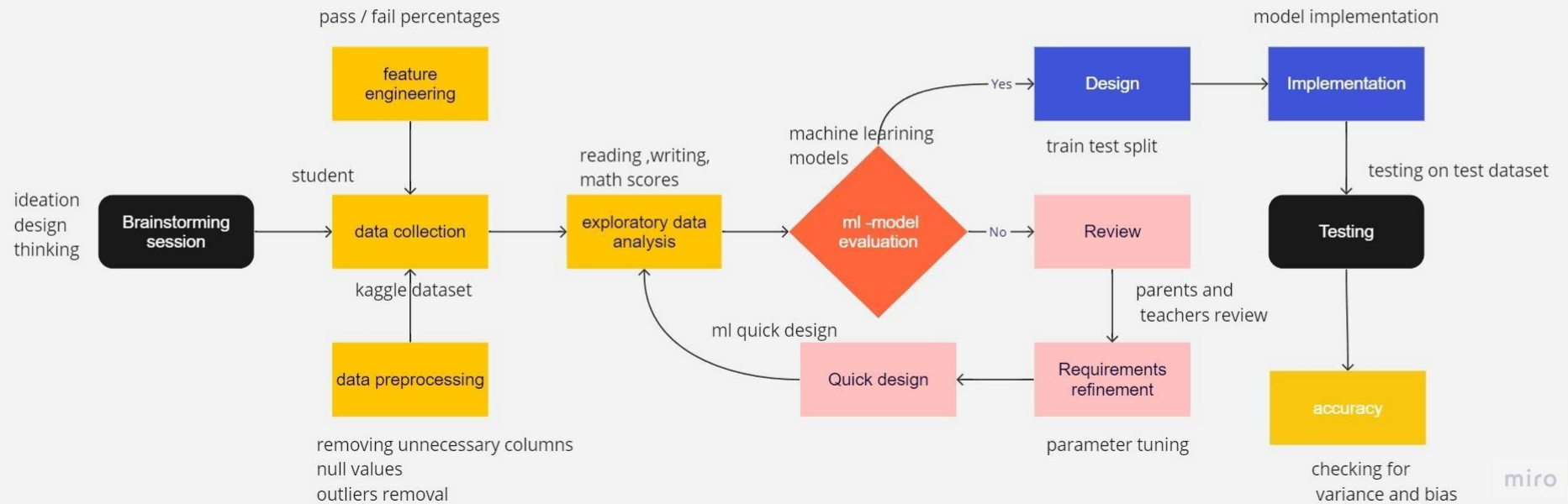
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Context Diagram



students performance solution architecture



miro

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
teacher	performance	USN-1	I want to view the overall performance of my students to identify areas where they may need additional support or intervention.	performance of my students	High	Aaraniga
		USN-2	I want to access detailed student profiles that provide a holistic view of their academic performance, including attendance records, assignments, and assessments	I should be able to drill down into individual student profiles to view detailed performance information, including grades for different assignments or assessments.	High	Aaraniga
		USN-3	I want to be able to input and update student grades and attendance records easily and efficiently.	charts or graphs, of key performance metrics, such as average grades, attendance rates, and class rankings	Low	vandhanasri
student	goals	USN-1	I want to track my own performance over time, view my grades, and set goals for improvement.	I should be able to generate printable reports or export the performance data for further analysis or sharing with colleagues or parents.	High	vandhanasri
administrator	analyze	USN-1	I want to generate reports that compare the performance of different student cohorts over time to identify trends and patterns.	The performance data should be presented in a clear and intuitive manner, allowing me to quickly identify students who may need additional support or intervention.	Low	Ashwin ak

		USN-2	I want to identify high-performing students and recognize their achievements through awards or honors programs	The system should ensure the security and privacy of student performance data, allowing access only to	Low	Ashwin AK
User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
				authorized teachers and staff members.		
		USN-3	I want to analyze student performance data to identify correlations between academic performance and factors like socioeconomic background or classroom environment.	The performance data should be presented in a clear and intuitive manner, allowing me to quickly identify students who may need additional support or intervention.	high	pirithiswari
Parent	updates	USN-1	I want to receive personalized recommendations or resources to support my child's learning based on their performance analysis.	The system should be responsive and accessible, allowing me to view the performance data on different devices and screen sizes, and meeting WCAG guidelines for accessibility.	High	pirithiswari
		USN-2	I want to receive regular updates on my child's academic performance, including grades, attendance, and any notable achievements or areas for improvement.	I should be able to generate printable reports or export the performance data for further analysis or sharing with colleagues or parents.	high	Aaraniga